

TEST REPORT

Product Name : Bluetooth Mouse
Brand Mark : N/A
Model No. : BM-130
Extension Model : BM-786, BM-106, BM-786C, BM-782,
BM-660, BM-700, BM-698, BM-693,
BM-697, BM-105, BM-127, BM-783, BM-695S
FCC ID : 2AB75-BM-130
Report Number : BLA-EMC-202006-A8003
Date of Sample Receipt : 2020/6/30
Date of Test : 2020/6/30 to 2020/7/15
Date of Issue : 2020/7/15
Test Standard : 47 CFR Part 1.1307, Part 2.1093, KDB
447498
Test Result : Pass

Prepared for:

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2020/7/15



1.1 RF Exposure Compliance Requirement

1.1.1 Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06

Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

1.1.2 Limits

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot$$

$$[\sqrt{f(\text{GHz})}] \leq 3.0$$
 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

- ☐ $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- ☐ Power and distance are rounded to the nearest mW and mm before calculation¹⁷
- ☐ The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion

1 EUT RF EXPOSURE EVALUATION

Operational Mode: BLE						
Channel	Maximum Peak Conducted Output Power (dBm)	Tune up tolerance (dB)	Maximum tune-up Power(dBm)	Maximum tune-up Power(mW)	Calculated value	Exclusion threshold
2402MHz	-3.08	± 1	-2.08	0.62	0.19	3
2442MHz	-3.04	± 1	-2.04	0.63	0.20	3
2480MHz	-3.48	± 1	-2.48	0.56	0.18	3
Conclusion: the calculated value ≤ 3.0 , SAR is exempted.						

----END OF REPORT----

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